

Welcome!!!

H. Leslie Grebe

- * Pick up:
 - question sheet

Opening question:

What does "potential" mean (regular English and in physics)?

STORED
OR READY

CAPACITY TO
GO FAR (IN LIFE)

HOW GOOD YOU
ARE

ENERGY
ABILITY
TO DO
SOMETHING

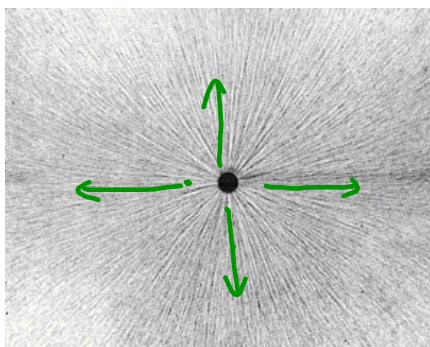
Centering

Sep 7-7:04 AM

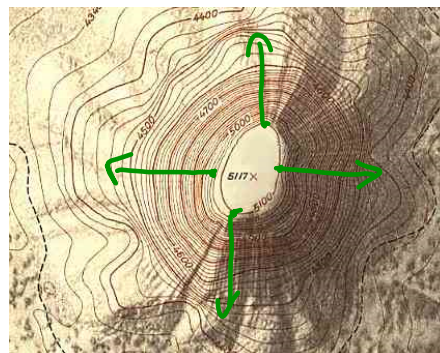
Big Idea of Friday:

Electric charges are surrounded
by electric fields

ELECTRIC POTENTIAL



GRAVITATIONAL POTENTIAL



TOPOGRAPHY

VOLTAGE ← HEIGHT
POSITIVE TO NEGATIVE DOWNHILL

Feb 2-7:44 AM

Outrageous Acts of Science

A show about viral videos and the science that makes them possible...



"Arc Attack" Power Junkies #1

1. Just watch
2. Read the questions
3. Watch again
4. Discuss
5. Watch a last time to catch anything you might have missed

Oct 4-7:27 AM

Internet Explorer -- "Phet charges and fields" -- Run Now

Project Clarification:

Transparency = SELF TALK / FADED



"with" the arrows:



"against" the arrows:

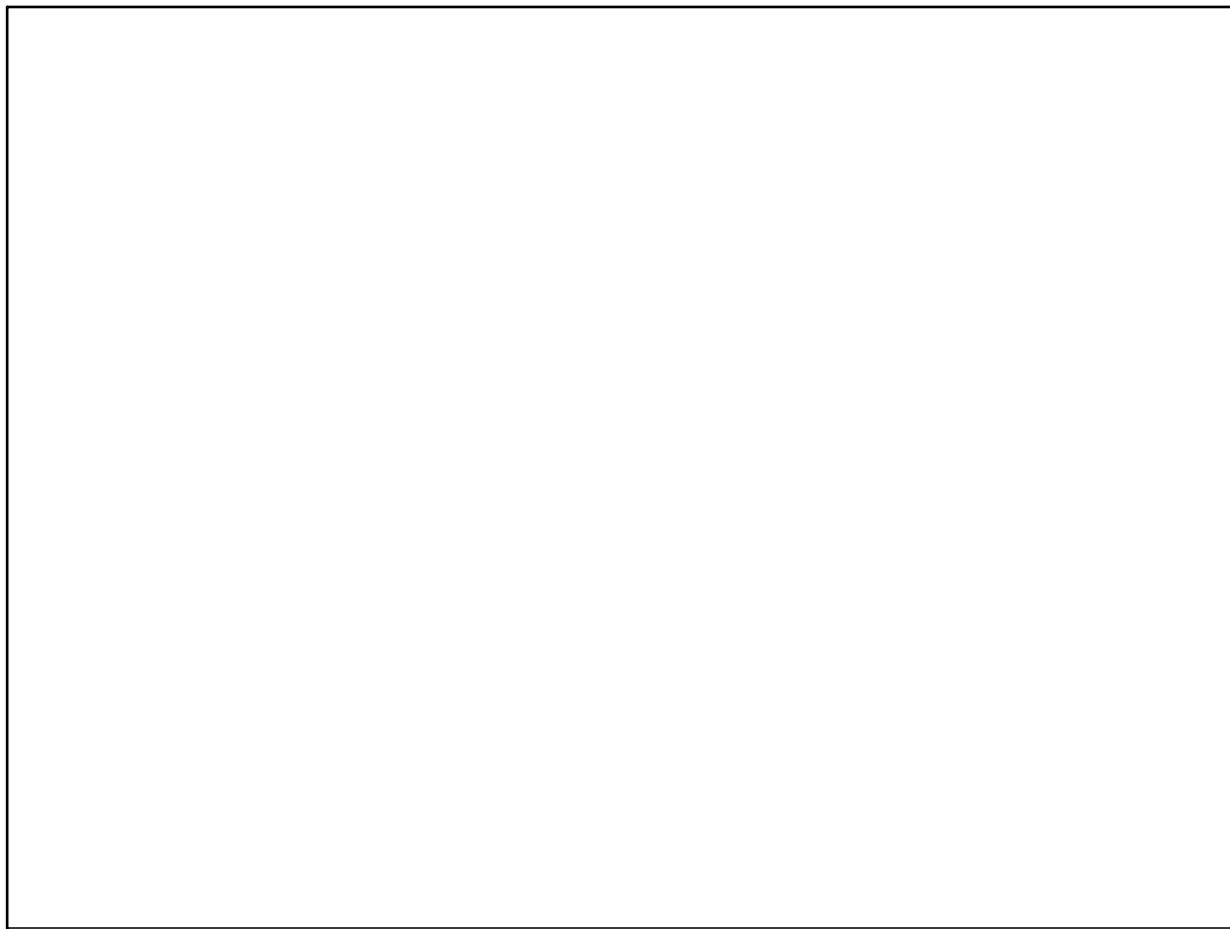


...charge released in an electric field will spontaneously move from regions of high / low potential to regions of high / low potential.

Last page is conclusion and for display -- points for looking nice! (Don't just make a square...)

EXAMPLES

Feb 14-7:33 AM



Feb 11-7:47 AM